

LC LED Up Light

DESIGNER PREMIUM

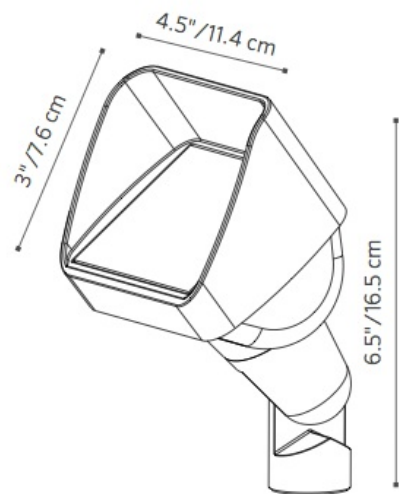


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|-----------|
| PROJECT   |
| CATALOG # |
| TYPE      |
| NOTES     |

High-performance wall wash light in 3, 6, or 9 LED. Available in aluminum or brass construction. RGBW capable with Luxor® systems.

Quick Facts

- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Lumileds® integrated LEDs
- ProAim™ adjustability
- Tamper-resistant features
- Compatible with Luxor technology
- Phase dimmable
- Input voltage: 10-15V



# LC LED Up Light SPECIFICATIONS

| Output                        | 3LED                              | 6LED           | 9LED           | ZDC                  |
|-------------------------------|-----------------------------------|----------------|----------------|----------------------|
| Total Lumens <sup>†</sup>     | 305                               | 540            | 810            | 195-460              |
| Input Voltage                 | 10 to 15V                         | 10 to 15V      | 10 to 15V      | 11 to 15V            |
| Input Power (Watt)            | 4.0                               | 7.7            | 11.1           | 9.1                  |
| Power Consumption (VA)        | 4.4                               | 9.3            | 12.2           | 11.0                 |
| Efficacy (Lumens/Watt)        | 77                                | 70.0           | 73.0           | 37.0                 |
| Color Rendering Index (CRI)   | 84                                | 84             | 84             | 80+                  |
| Center Beam Candlepower*      |                                   |                |                |                      |
| Very Wide Flood (90)          | 147                               | 262            | 400            | 193                  |
| Dimming                       |                                   |                |                |                      |
| Primary Dimming (Transformer) | Consult tranformer specifications |                |                |                      |
| Secondary Dimming (Fixture)   | Phase-cut**                       | Phase-cut**    | Phase-cut**    | Luxor                |
| RGBW Available                | No                                | No             | No             | Yes                  |
| Luxor Compatibility           |                                   |                |                |                      |
| Default                       | Zoning                            | Zoning         | Zoning         | --                   |
| ZD Option                     | Zoning/Dimming                    | Zoning/Dimming | Zoning/Dimming | --                   |
| ZDC Option                    | --                                | --             | --             | Zoning/Dimming/Color |
| Minimum Rated Life (L70)      | 72,000 Hrs                        | 72,000 Hrs     | 72,000 Hrs     | 55,000 Hrs           |

\* Information not available for Flood or Wide Flood.  
\*\* For optimal performance, use a trailing-edge, phase-cut dimmer.  
† Measured using the 2,700K CCT option.

# LC LED Up Light SPECIFICATIONS

## About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

## Materials

Die-cast C360 brass housing, shroud, and knuckle/base assembly with brass hardware or die-cast aluminum A380 housing, shroud, and knuckle with stainless steel hardware.

## Knuckle

Die-cast brass or die-cast aluminum knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220° of vertical adjustment.

## LED

Integrated module with Lumileds LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 72,000 hrs. Maximum drive current: 1 A.

## Optics

Color temperature defined by part number. Beam angle is calculated using LM-79 method for SSL luminaires.

## Finish

Options of powder coat, natural brass finish, or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Powder coat finishes sealed with two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Antique finishes sealed with a clear TGIC powder coat layer.

## Hardware

Brass or stainless steel angle lock screw. Includes 12" (305 mm) ABS slotted installation spike.

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length.

## Sockets

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

## Power

Input 10-15VAC/VDC 50/60Hz. Remote transformer required (specify separately).

## Housing

Die-cast brass or aluminum housing with capacity for 1LED, 3LED, 6LED, 9LED, or ZDC integrated LEDs.

## Glare Control

Die-cast brass or aluminum shroud with 30° cutoff.

## Weight

3.8 lbs. (1.7 kg)

## Lens

Tempered frosted glass lens with shock resistance and high tolerance for thermal expansion and stress.

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Spike Kit ("EKITSPIKE") or alternate mount greater than or equal to IP65, or by selecting the "e" version.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high quality light at optimal energy efficiency, lifespan, and durability.

## Installation Requirements

Designed for installation in the upward direction only.

## Control

ZD or ZDC options utilize Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

## Manufacturing

ISO 9001:2015 certified facility

## Warranty

10-year limited warranty.

## Listings



# LC LED Up Light ORDERING INFORMATION

| Fixture Control |                                                      | Power                           | Color Temp                             | Compliance                             | Finish                   |                                                                                     |
|-----------------|------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| LC              | [Default]<br>Zone with Luxor, On/Off, Phase Dimmable | 3 LED<br>4.5 VA                 | [Default]<br>Warm (2700K)              | [default]<br>North America (UL Listed) | BZ<br>Bronze<br>Metallic |  |
|                 | ZD<br>Zone/Dim with Luxor                            | 6 LED<br>9.3 VA                 | S<br>Soft (3000K)                      | E<br>International (CE Certified)      | FB<br>Black              |  |
|                 | ZDC<br>Zone/Dim/Color with Luxor                     | 9 LED<br>12.2 VA                | C<br>Cool (4000K)                      |                                        | DG<br>Desert<br>Granite  |  |
|                 |                                                      | [default ZDC option]<br>11.0 VA | [Default]<br>RGBW, ZDC Option Required |                                        | WI<br>Weathered<br>Iron  |  |
|                 |                                                      |                                 |                                        |                                        | SB<br>Sedona<br>Brown    |  |
|                 |                                                      |                                 |                                        |                                        | FW<br>Flat White         |  |
|                 |                                                      |                                 |                                        |                                        | SV<br>Silver             |  |
|                 |                                                      |                                 |                                        |                                        | AB<br>Antique<br>Bronze  |  |
|                 |                                                      |                                 |                                        |                                        | BS<br>Natural<br>Brass   |  |

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EXAMPLE FIXTURE CONFIGURATION: LC-XX-XXXX-XX

LC 3LED - Illuminance at a Distance

| Distance      | Center Beam fc     | Beam Width        |                     |
|---------------|--------------------|-------------------|---------------------|
| Feet (Meters) | Foot-Candles (Lux) | Vertical : 95.4 ° | Horizontal : 84.5 ° |
| 4' (1.2 m)    | 4.9 fc (53 lx)     | 8.8' (2.7 m)      | 7.3' (2.7 m)        |
| 8' (2.4 m)    | 1.2 fc (13 lx)     | 17.6' (5.4 m)     | 14.5' (4.4 m)       |
| 12' (3.7 m)   | 0.6 fc (7 lx)      | 26.4' (8.1 m)     | 21.8' (6.7 m)       |
| 16' (4.9 m)   | 0.3 fc (3.2 lx)    | 32.2' (9.8 m)     | 29.0' (8.8 m)       |
| 20' (6.1m)    | 0.2 fc (2.2 lx)    | 44.0' (13.4 m)    | 36.3' (11.1 m)      |
| 24' (7.3 m)   | 0.1 fc (1.1 lx)    | 52.8' (16.1 m)    | 43.6' (13.3 m)      |

LC 6LED - Illuminance at a Distance

| Distance      | Center Beam fc     | Beam Width      |                     |
|---------------|--------------------|-----------------|---------------------|
| Feet (Meters) | Foot-Candles (Lux) | Vertical : 94 ° | Horizontal : 81.5 ° |
| 4' (1.2 m)    | 10.7 fc (115 lx)   | 8.6' (2.6 m)    | 6.9' (2.1 m)        |
| 8' (2.4 m)    | 2.7 fc (29 lx)     | 17.2' (5.2 m)   | 13.8' (4.2 m)       |
| 12' (3.7 m)   | 1.2 fc (13 lx)     | 25.7' (7.8 m)   | 20.7' (6.3 m)       |
| 16' (4.9 m)   | 0.7 fc (8 lx)      | 34.3' (10.5 m)  | 27.7' (8.4 m)       |
| 20' (6.1m)    | 0.4 fc (4.3 lx)    | 42.9' (13.1 m)  | 34.6' (10.6 m)      |
| 24' (7.3 m)   | 0.3 fc (3.2 lx)    | 51.5' (15.7 m)  | 41.5' (12.7 m)      |

LC 9LED - Illuminance at a Distance

| Distance      | Center Beam fc     | Beam Width      |                     |
|---------------|--------------------|-----------------|---------------------|
| Feet (Meters) | Foot-Candles (Lux) | Vertical : 90 ° | Horizontal : 81.7 ° |
| 4' (1.2 m)    | 14.4 fc (155 lx)   | 8.1' (2.5 m)    | 6.9' (2.1 m)        |
| 8' (2.4 m)    | 3.6 fc (39 lx)     | 16.3' (5.0 m)   | 13.8' (4.2 m)       |
| 12' (3.7 m)   | 1.6 fc (17 lx)     | 24.4' (7.4 m)   | 20.7' (6.3 m)       |
| 16' (4.9 m)   | 0.9 fc (10 lx)     | 32.5' (9.9 m)   | 27.7' (8.4 m)       |
| 20' (6.1m)    | 0.6 fc (7 lx)      | 40.7' (12.4 m)  | 34.6' (10.6 m)      |
| 24' (7.3 m)   | 0.4 fc (4.3 lx)    | 48.8' (14.9 m)  | 41.5' (12.7 m)      |

LC ZDC - Illuminance at a Distance

| Distance      | Center Beam fc     | Beam Width        |                     |
|---------------|--------------------|-------------------|---------------------|
| Feet (Meters) | Foot-Candles (Lux) | Vertical : 40.2 ° | Horizontal : 38.1 ° |
| 4' (1.2 m)    | 10.8 fc (116 lx)   | 2.9' (0.9 m)      | 2.8' (0.9 m)        |
| 8' (2.4 m)    | 2.7 fc (29 lx)     | 5.9' (1.8 m)      | 5.5' (1.7 m)        |
| 12' (3.7 m)   | 1.2 fc (13 lx)     | 8.8' (2.7 m)      | 8.3' (2.5 m)        |
| 16' (4.9 m)   | 0.7 fc (8 lx)      | 11.7' (3.6 m)     | 11.0' (3.4 m)       |
| 20' (6.1m)    | 0.4 fc (4.3 lx)    | 14.6' (4.5 m)     | 13.8' (4.2 m)       |
| 24' (7.3 m)   | 0.32 fc (3.4 lx)   | 17.6' (5.4 m)     | 16.6' (5.1 m)       |

## MOUNTING OPTIONS: Specify Separately

| Mounts                                                         | Catalog No.    |                                                                                     | Mounts                                                       | Catalog No.   |                                                                                       |
|----------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| Long Slot Spike                                                | 250015840000   |    | Three-Prong Spike                                            | 250020020000  |    |
| Lock Ring                                                      | 250030410000SP |    | Super Slot Spike                                             | 753900        |    |
| Straight Coupling                                              | COUP-XX*       |    | CE Certified Spike                                           | eKitSpike     |    |
| 90° Coupling                                                   | ELBW-050-XX*   |    | Gutter Mount                                                 | GM-SS         |    |
| Ground Mount for 2.0" Schedule 40 Post Mounting with ½" Thread | GM-XX*         |    | 2.5" Post Mount with Stabilizer                              | LS6054        |    |
| Mini J-Box for ½" Thread                                       | MJB-050-XX*    |    | Mini Mount                                                   | MM-050-XX*    |    |
| ProAim® Ratcheting Spike                                       | PARS           |    | Post Mount for 1.5" Schedule 40 Post Mounting with ½" Thread | PM-XX*        |    |
| Super J-Box Spike                                              | SJ-XX*         |    | TreeBox® Mount with ½" Thread                                | TB-XX*        |    |
| T-Mount Coupling with ½" Thread                                | TMNT-050-XX*   |  | Tree Ring                                                    | TR-YY*-8P-XX* |  |
| VersaBox® Mount with ½" Thread                                 | VB-050-XX*     |  | Variable Height Riser for Up Lights                          | VHR-UL        |  |
| Wall Mount Knuckle                                             | WM-XX*         |  | Single-Gang Wall Plate with ½" Thread                        | WP-1G-050-XX* |  |
| Round Wall Plate with ½" Thread                                | WP-RD-050-XX*  |  | 1.0" (25 mm) Copper Riser for GT Path Light                  | YY*-R-GT-XX*  |  |
| Sign Light Riser, Aluminum                                     | YY*-R-SL-XX*   |  | Aluminum Riser, ¾" Diameter                                  | YY*-R-XX*     |  |

POWER OPTIONS: Specify Separately

| Power                    | Catalog No. |                                                                                   |
|--------------------------|-------------|-----------------------------------------------------------------------------------|
| Plug-In Transformer, 6 W | MT-6W       |  |
|                          | SURGE-MOD   |  |

| Power                                         | Catalog No. |                                                                                     |
|-----------------------------------------------|-------------|-------------------------------------------------------------------------------------|
| Step-Down Transformer, UV (120/277 V to 12 V) | ST-UV       |  |